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TECHNOLOGY CENTER R3700

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Daniel N. Miller *et al.*

Serial No.: 09/621,795

Filing Date: July 21, 2000

Examiner: Tae Jun Kim

Group Art Unit: 3746

Title: METHOD AND APPARATUS OF ASYMMETRIC INJECTION INTO
SUBSONIC FLOW OF A HIGH ASPECT RATIO/COMPLEX GEOMETRY
NOZZLE

Certification Under 37 C.F.R. 1.8

Date of Mailing: January 30, 2004

I hereby certify that I have caused the documents indicated below to be deposited with the United States Postal Service via First Class Mail to Addressee with sufficient postage under 37 CFR § 1.8 on the date indicated above and addressed to Mail Stop: RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

A handwritten signature in black ink, appearing to read "Rebecca J. Morrison".

Rebecca J. Morrison

RESPONSE TO NON-COMPLIANT AMENDMENT

Dear Sir:

In response to the Office Communication mailed December 8, 2004, Applicants submit the following response.

In the Request for Continued Examination filed October 3, 2003, Applicants had requested that the Examiner enter the previously submitted Amendment filed on August 8, 2002, and enter the newly submitted amendments prior to examination. However, for the convenience of the Examiner, Applicants submit herewith the previously submitted Amendment filed on August 8, 2002, including arguments thereto, and respectfully request the Examiner to consider the arguments, amended and new claims, and drawings. Applicants submit that no new matter has been introduced.

IN THE DRAWINGS

The Examiner stated that the sheets of drawings filed on April 8, 2002 have been received but not approved because Applicants have not submitted a proposed drawing correction in the form of a pen-and-ink sketch showing the changes in red.

Applicants respectfully submit herewith pen-and-ink changes to the drawings in red as required under MPEP §608.2(v).

Applicants respectfully submit that flow arrows for the injected fluid have been added to Figures 2B, 3B, 3C, 3D, and 3E. Applicants respectfully submit that the pitch vector has been modified in Figure 5B to more clearly show that this vector has a vertical component directing the vector into the page.

Applicants respectfully submit that the angle for 286 of 15° is relative to the longitudinal axis of the engine.

Applicants respectfully submit that these changes to the drawings address the Examiner's objections and request that these objections be withdrawn and the drawings entered.